

Table A-3
Alphabetical Listing of Software in the Beta Version of the Site Characterization Library Version 3.0

Title	Date of Publication	Author or Sponsoring Organization
2DFATMIC - Source Code Version 1.0 (USEPA NRML/SPRD, 1997)	8/1/1997	USEPA NRML/SPRD
3DFATMIC - Source Code Version 1.0 (USEPA NRML/SPRD, 1997)	8/1/1997	USEPA NRML/SPRD
ASSESS User's Guide (EPA NERL, 1991)	1/1/1991	EPA NERL
ASSESS Version 1.01A (EPA NERL, 1991)	1/1/1991	EPA NERL
BIOCHLOR Version 2.2 (USEPA NRML/SPRD, 2002)	3/1/2002	USEPA NRML/SPRD
Bioplume II, Computer Model of Two Dimensional Contaminant Transfer Under the Influence Oxygen Limited Biodegradation in Ground Water, User's Manual Version 1.0 (National Center for Ground Water Research, 1997)	10/1/1997	National Center for Ground Water Research
Bioplume III, Computer Model of Two Dimensional Contaminant Transfer Under the Influence Oxygen Limited Biodegradation in Ground Water, User's Manual Version 1.0 (Center for Subsurface Modeling Support, Robert S. Kerr Environmental Research Laboratory, EPA ORD, 1997)	9/1/1997	Center for Subsurface Modeling Support, Robert S. Kerr Environmental Research Laboratory, EPA ORD
BIOSCREEN Version 1.4 (USEPA NRML/SPRD, 1997)	7/1/1997	USEPA NRML/SPRD
CHEMFLO - One Dimensional Water and Chemical Movement in Unsaturated Soils Version 1.3 (D.L. Nofziger, K. Rajender, Sivaram K. Nayudu, and Pei-Yao Su, Department of Agronomy, Oklahoma State University, 1990)	8/1/1990	D.L. Nofziger, K. Rajender, Sivaram K. Nayudu, and Pei-Yao Su, Department of Agronomy, Oklahoma State University
CZAEM - DOS Version 1.1 (EPA NRML/SPRD, 1996)	8/1/1996	EPA NRML/SPRD
CZAEM User's Guide: Modeling Capture Zones of Groundwater Wells Using Analytic Elements (Office of Research and Development, 1994)	9/1/1994	Office of Research and Development
Data Quality Evaluation Statistical Tool Box (DataQUEST) User's Guide, EPA QA/G-9D QA96 version (EPA Office of Research and Development, 1997)	12/1/1997	EPA Office of Research and Development
Data Quality Evaluation Statistical Toolbox (Data QUEST) EPA QA/G-9D QA96 (EPA Office of Research and Development Quality Assurance Division, 1997)	12/1/1997	EPA Office of Research and Development Quality Assurance Division
Data Quality Objectives Decision Error Feasibility Trials Software (DEFT) - User's Guide EPA QA/G-4D (EPA Office of Environmental Information, 2001)	9/1/2001	EPA Office of Environmental Information
Data Quality Objectives Decision Error Feasibility Trials Software (DEFT) EPA QA/G-4D Version 1.0 (Office of Environmental Information Quality, 2001)	9/1/2001	Office of Environmental Information Quality
DQO-PRO Software	--	--
ELIPGRID - PC Hot Spot Probability Calculations (Pacific Northwest National Laboratory (PNNL))	--	Pacific Northwest National Laboratory (PNNL)

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Evaluation of Selected Environmental Decision Support Software (1997)	6/1/1997	--
Exposure Model for Soil-Organic Fate and Transport (EMSOF) (EPA National Center for Environmental Assessment, 1997)	2/1/1997	EPA National Center for Environmental Assessment
FEMWATER Version 3.0 (Center for Exposure Assessment Modeling (CEAM), U.S. EPA ORD Environmental Research Laboratory, 1993)	8/1/1993	Center for Exposure Assessment Modeling (CEAM), U.S. EPA ORD Environmental Research Laboratory
Fully Integrated Environmental Location Decision Support (FIELDS), Version 3.0a (EPA Region 5, 2002)	6/1/2002	EPA Region 5
Geo-Eas 1.2.1 - Geostatistical Environmental Assessment Software (EPA Environmental Monitoring Systems Laboratory, 1991)	4/1/1991	EPA Environmental Monitoring Systems Laboratory
GEO-EAS 1.2.1 User's Guide (Environmental Monitoring Systems Laboratory, 1991)	4/1/1991	Environmental Monitoring Systems Laboratory
GEOPACK System Geostatistics for Waste Management 1.0. E (Processes and Systems Research Division, Robert S. Kerr Environmental Research Laboratory, EPA ORD, 1990)	1/1/1990	Processes and Systems Research Division, Robert S. Kerr Environmental Research Laboratory, EPA ORD
Geophysics Advisor Expert System Version 2.0 (Prepared by Gary R. Olhoeft, Branch of Geophysics, U.S. Geological Survey for Advanced Monitoring Division, Environmental Monitoring Systems Lab, 1992)	10/1/1992	Prepared by Gary R. Olhoeft, Branch of Geophysics, U.S. Geological Survey for Advanced Monitoring Division, Environmental Monitoring Systems Lab
Geostatistics for Waste Management: A User's Manual for the GEOPACK (Version 1.0) Geostatistical Software System (Robert S. Kerr Environmental Research Laboratory, 1990)	1/1/1990	Robert S. Kerr Environmental Research Laboratory
Grits Statistical Software, Version 4.21 (EPA Region 5 and 7 and EPA OSW PSP Division, 1994)	3/1/1994	EPA Region 5 and 7 and EPA OSW PSP Division
Hydrocarbon Spill Screening Model (HSSM) Windows Version 1.2.a (Center for Subsurface Modeling Support, Robert S. Kerr Environmental Research Laboratory, EPA ORD, 1997)	9/1/1997	Center for Subsurface Modeling Support, Robert S. Kerr Environmental Research Laboratory, EPA ORD
Hydrodynamic, Sediment, and Contaminant Transport Model (HSCTM2D) Version 1.01 (EPA Center for Exposure Assessment Modeling, 1998)	11/1/1998	EPA Center for Exposure Assessment Modeling
Hydrologic Evaluation of Landfill Performance (HELP) Model Engineering Documentation for Version 3 (Office of Research and Development, 1994)	9/1/1994	Office of Research and Development
Hydrologic Evaluation of Landfill Performance (HELP) Model User's Guide for Version 3 (Office of Research and Development, 1994)	9/1/1994	Office of Research and Development
Hydrologic Evaluation of Landfill Performance (HELP) System Version 3.04 (Office of Research and Development, 1994)	9/1/1994	Office of Research and Development

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Integrated Model Evaluation System (Exposure Assessment Group, Office of Health and Environmental Assessment, EPA ORD, 1993)	9/1/1993	Exposure Assessment Group, Office of Health and Environmental Assessment, EPA ORD
MODFLOW (USGS, 1905)	2000	USGS
MODPATH (USGS, 2000)	6/14/2000	USGS
MOFAT: A Two Dimensional Finite Element Program for Multiphase Flow and Multicomponent Transfer Program Documentation and User's Guide (Robert S. Kerr Environmental Research Laboratory, 1991)	5/1/1991	Robert S. Kerr Environmental Research Laboratory
MOFAT: A Two Dimensional Finite Element Program for Multiphase Flow and Multicomponent Transfer, Version 2.05 (Center for Subsurface Modeling Support, Robert S. Kerr Environmental Research Laboratory, EPA ORD)	--	Center for Subsurface Modeling Support, Robert S. Kerr Environmental Research Laboratory, EPA ORD
MT3D Version 1.1 (USEPA NRML/SPRD, 1992)	1/1/1992	USEPA NRML/SPRD
MULTIMED - Multimedia Exposure Assessment Model, 2.0a Beta (Environmental Research Laboratory, EPA ORD, 1996)	10/1/1996	Environmental Research Laboratory, EPA ORD
Multimedia Contaminant Fate, Transport, and Exposure Model (MMSOILS) (EPA Center for Exposure Assessment Modeling, 1997)	6/1/1997	EPA Center for Exposure Assessment Modeling
Multimedia Exposure Assessment Model (Multimed) for Evaluating the Land Disposal of Wastes - Model Theory (Environmental Research Laboratory)	--	Environmental Research Laboratory
NAPL Simulator Version 1.0 (Center for Subsurface Modeling Support, Robert S. Kerr Environmental Research Laboratory, EPA ORD, 1997)	10/1/1997	Center for Subsurface Modeling Support, Robert S. Kerr Environmental Research Laboratory, EPA ORD
PESTAN: Pesticide Analytical Model, Version 4.0 (Robert S. Kerr Environmental Research Laboratory, Center for Subsurface Modeling Support)	--	Robert S. Kerr Environmental Research Laboratory, Center for Subsurface Modeling Support
Pesticide Analytical Model (PESTAN), Version 4.0 (Center for Subsurface Modeling Support, Robert S. Kerr Environmental Research Laboratory, EPA ORD, 1992)	11/1/1992	Center for Subsurface Modeling Support, Robert S. Kerr Environmental Research Laboratory, EPA ORD
ProUCL Version 3.0	4/1/2004	EPA ORD
PRZM-2, A Model for Predicting Pesticide Fate in the Crop Root and Unsaturated Soil Zones: User's Manual for Release 2.0 (Office of Research and Development, 1993)	3/1/1993	Office of Research and Development
PRZM3 Version 3.12 Beta (Center for Exposure Assessment Modeling, EPA ORD, Athens Environmental Research Laboratory, 1998)	3/1/1998	Center for Exposure Assessment Modeling, EPA ORD, Athens Environmental Research Laboratory
RETC Version 1.1 (Center for Subsurface Modeling Support, Robert S. Kerr Environmental Research Laboratory, EPA ORD, 1994)	11/1/1994	Center for Subsurface Modeling Support, Robert S. Kerr Environmental Research Laboratory, EPA ORD
RITZ Version 2.12 (Center for Subsurface Modeling Support, Robert S. Kerr Environmental Research Laboratory, EPA ORD, 1988)	1/1/1988	Center for Subsurface Modeling Support, Robert S. Kerr Environmental Research Laboratory, EPA ORD

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Saturated-Unsaturated Transport Finite-Element Ground-Water Simulation Model (SUTRA) (USGS, 1997)	1997	USGS
SCOUT User's Guide	--	--
SCOUT Version 2.0 (USEPA Quality Assurance and Methods Development Division & Exposure Assessment Research Division Environmental Monitoring Systems Laboratory)	--	USEPA Quality Assurance and Methods Development Division & Exposure Assessment Research Division Environmental Monitoring Systems Laboratory
Simulated Superfund Site Interactive Training Environment (SimSITE) (Developed by Research Triangle Institute, under contract to EPA)	--	Developed by Research Triangle Institute, under contract to EPA
Soil Transport and Fate (STF) Database, Version 2.0 (Center for Subsurface Modeling Support, Robert S. Kerr Environmental Research Laboratory, EPA ORD, 1991)	6/1/1991	Center for Subsurface Modeling Support, Robert S. Kerr Environmental Research Laboratory, EPA ORD
Spatial Analysis and Decision Assistance (SADA), Version 3.0	--	--
Subsurface Characterization and Monitoring Techniques A Desk Reference Guide Volumes I and II (EPA ORD, 1993)	5/1/1993	EPA ORD
UTCHEM Version 6.1 (Center for Subsurface Modeling Support, Robert S. Kerr Environmental Research Laboratory, EPA ORD, 1999)	2/1/1999	Center for Subsurface Modeling Support, Robert S. Kerr Environmental Research Laboratory, EPA ORD
Visual Sample Plan (VSP) Beta Version 2.2 (Pacific Northwest National Laboratory (PNNL) and Advanced Infrastructure Management Technologies (AIMTech) - Grand Junction, CO.)	--	Pacific Northwest National Laboratory (PNNL) and Advanced Infrastructure Management Technologies (AIMTech) - Grand Junction, CO.
VLEACH A One Dimensional Finite Difference Vadose Zone Leaching Model , Version 2.2 (Center for Subsurface Modeling Support, Robert S. Kerr Environmental Research Laboratory)	--	Center for Subsurface Modeling Support, Robert S. Kerr Environmental Research Laboratory
Well Head Analytic Element (WhAEM) 2000 Version 1.0.4 (Center for Subsurface Modeling Support, Robert S. Kerr Environmental Research Laboratory, EPA ORD, 2000)	12/1/2000	Center for Subsurface Modeling Support, Robert S. Kerr Environmental Research Laboratory, EPA ORD
WHPA Version 2.2 (Center for Subsurface Modeling Support, Robert S. Kerr Environmental Research Laboratory, EPA ORD, 1993)	9/1/1993	Center for Subsurface Modeling Support, Robert S. Kerr Environmental Research Laboratory, EPA ORD
WINBRANCH (USGS, 1997)	7/31/1997	USGS